

# Learning design guided learning analytics in MOOCs

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# Learning design guided learning analytics in MOOCs

Francis Brouns, Olga Firssova

## Learning design approaches for MOOCs

- Cater for heterogeneous needs of learners
- Assist in reaching personal learning goals

## EMMA Task-centred approach

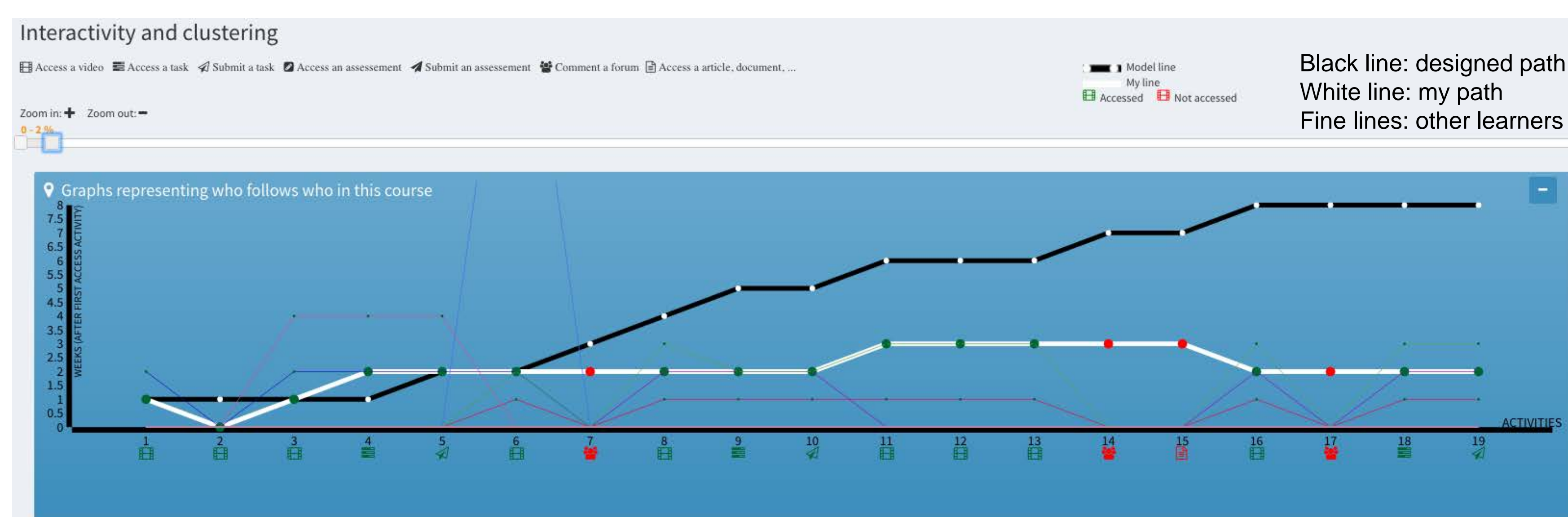
- Learning tasks to engage and activate learners
- Anchored in state-of-the-art and professional domain
- Basic and advanced levels
- Various feedback mechanisms involving participants

## ECO Social and inclusive approach

- Constructivist and connectivist principles
- Learning with and from participants in conversation
- Activities in context
- Flexible paths and gamification

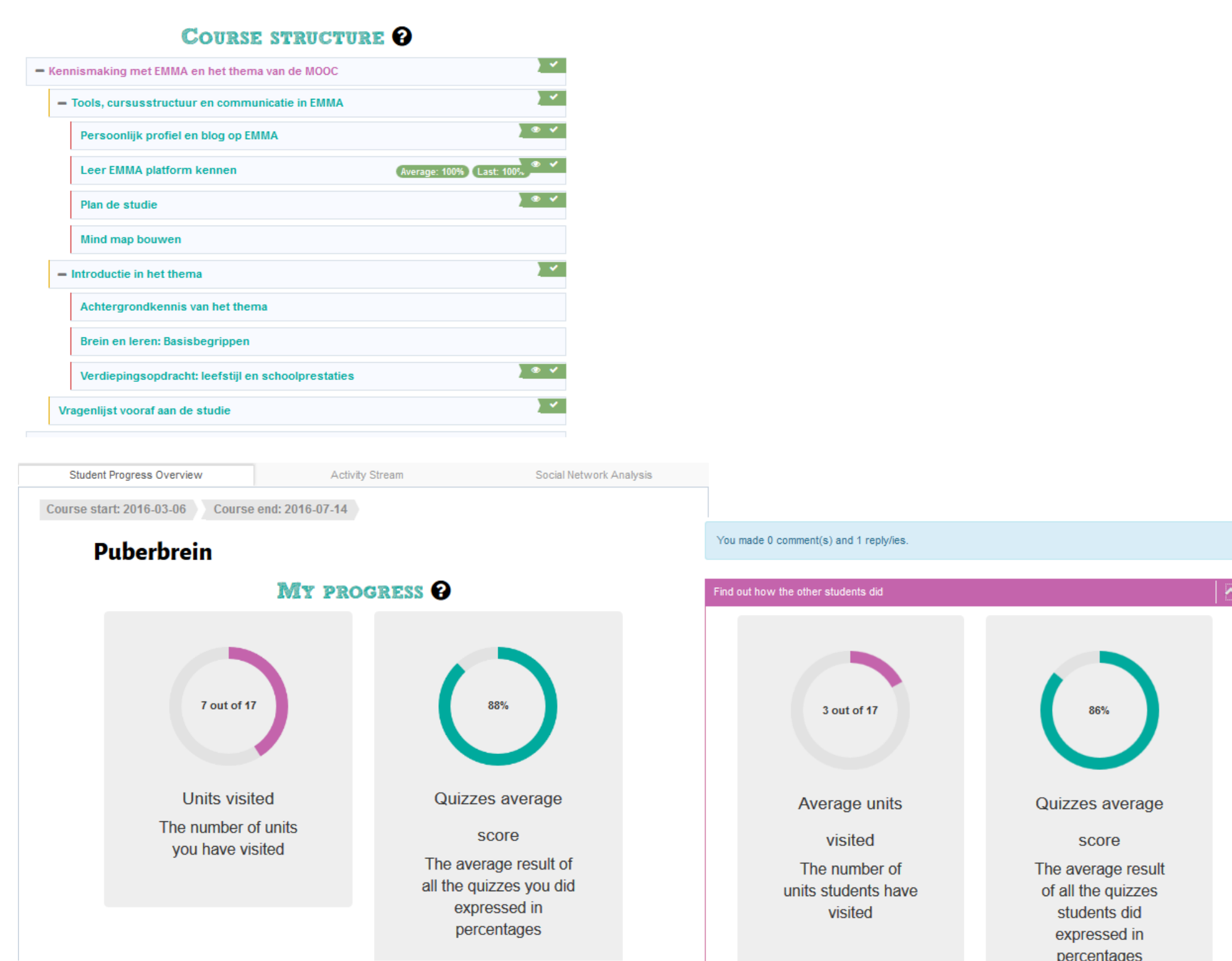
## Learning analytics

- Assist learners in reaching personal learning goals
- Assist teachers in supporting the learning process
- Guided by learning design



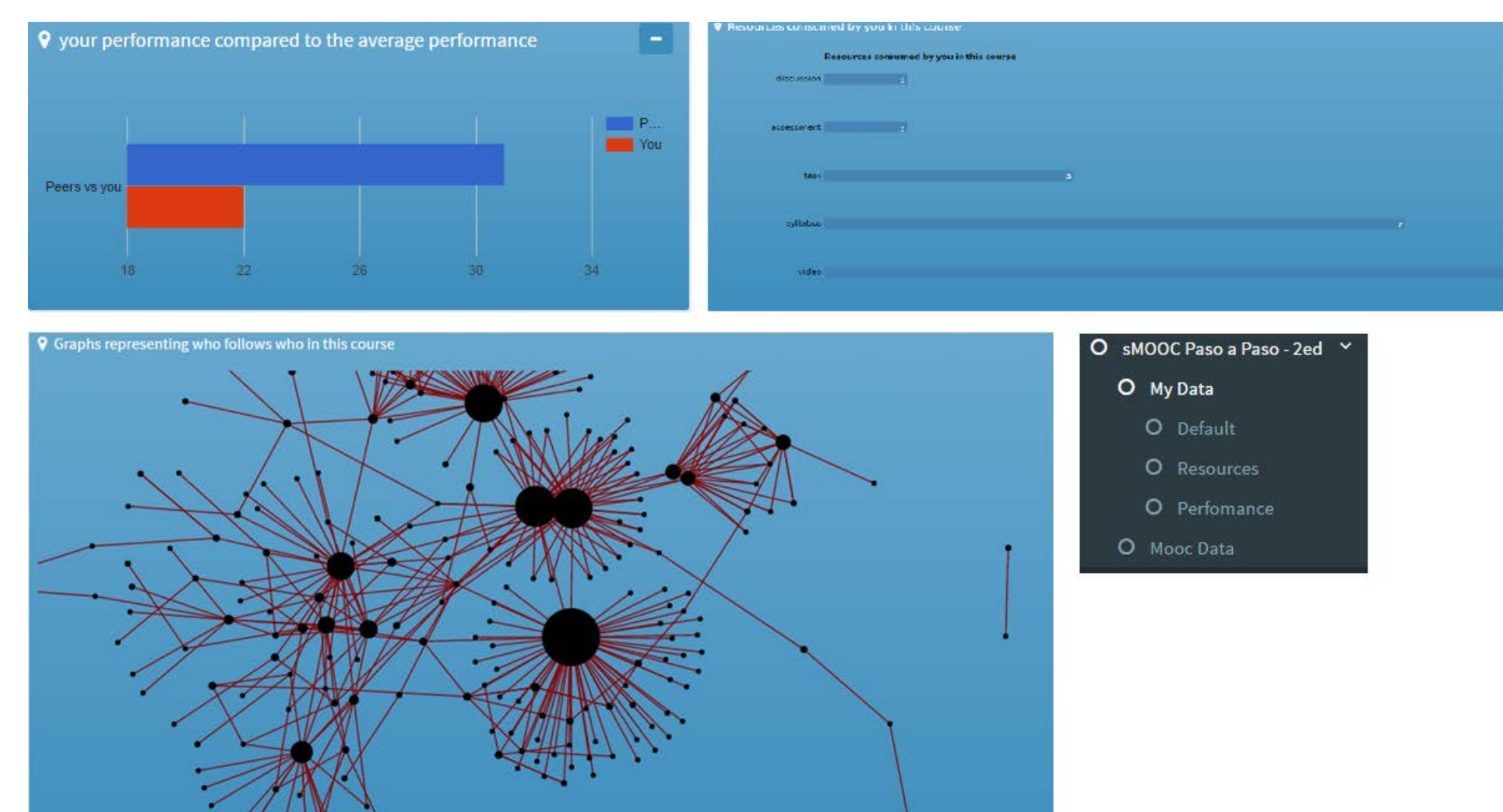
## Learner progress

- Compare with others

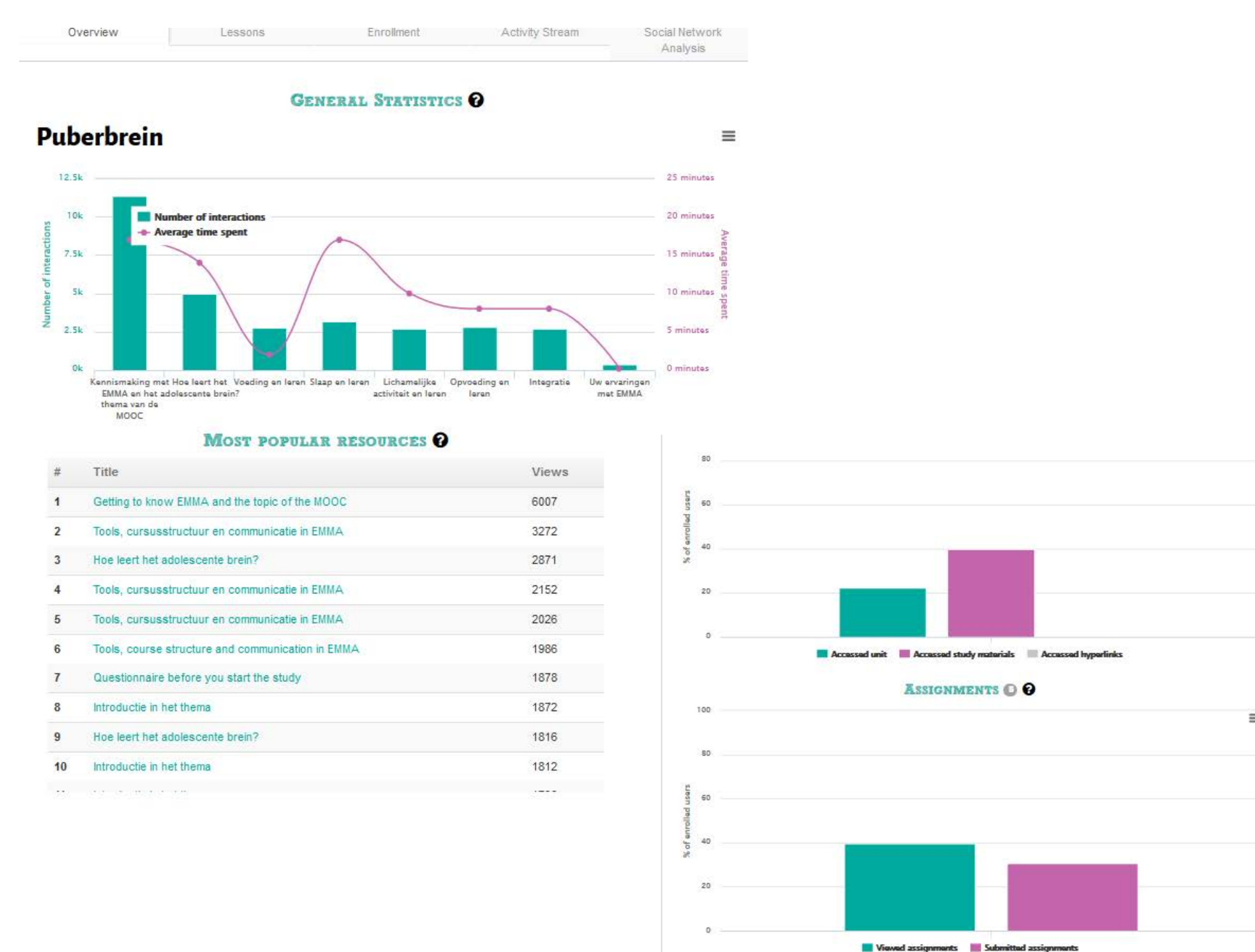


## Learner progress

- Compare with others



## Teacher monitor



## Teacher monitor

